

CRF Errors Corrected by the STIC Systems Branch

1600 ~~1600~~
1646

Serial Number: 09/691,220

ENTERED

CRF Processing Date: 11/29/2002
Edited by: AC
Verified by: AC (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

RECEIVED

DEC 04 2002

TECH CENTER 1600/2900

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



1600

RAW SEQUENCE LISTING

DATE: 11/29/2002

PATENT APPLICATION: US/09/691,220

TIME: 17:36:40

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\11292002\I691220.raw

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6 <120> TITLE OF INVENTION: ISOLATED HUMAN NUCLEAR HORMONE
7   RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN NUCLEAR
8   HORMONE RECEPTORS, AND USES THEREOF
11 <130> FILE REFERENCE: CL000893
13 <140> CURRENT APPLICATION NUMBER: US 09/691,220
14 <141> CURRENT FILING DATE: 2000-10-19
16 <160> NUMBER OF SEQ ID NOS: 4
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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Input Set : A:\PTO.AMC.TXT

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72 Gly Leu Pro Ala Pro Gly Pro Tyr Ser Thr Pro Leu Arg Thr Pro Leu
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75 50 55 60
76 Glu Ile Val Pro Ser Pro Pro Ser Pro Pro Pro Leu Pro Arg Ile Tyr
77 65 70 75 80
78 Lys Pro Cys Phe Val Cys Gln Asp Lys Ser Ser Gly Tyr His Tyr Gly
79 85 90 95
80 Val Ser Ala Cys Glu Gly Cys Lys Gly Phe Phe Arg Arg Ser Ile Gln
81 100 105 110
82 Lys Asn Met Val Tyr Thr Cys His Arg Asp Lys Asn Cys Ile Ile Asn
83 115 120 125
84 Lys Val Thr Arg Asn Pro Cys Gln Tyr Cys Arg Leu Gln Lys Cys Phe
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86 Glu Val Gly Met Ser Lys Glu Ser Val Arg Asn Asp Arg Asn Lys Lys
87 145 150 155 160
88 Lys Lys Glu Val Pro Lys Pro Glu Cys Ser Glu Ser Tyr Thr Leu Thr
89 165 170 175
90 Pro Glu Val Gly Glu Leu Ile Glu Lys Val Arg Lys Ala His Gln Glu
91 180 185 190
92 Thr Phe Pro Ala Leu Cys Gln Leu Gly Lys Tyr Thr Thr Asn Asn Ser
93 195 200 205
94 Ser Glu Gln Arg Val Ser Leu Asp Ile Asp Leu Trp Asp Lys Phe Ser
95 210 215 220
96 Glu Leu Ser Thr Lys Cys Ile Ile Lys Thr Val Glu Phe Ala Lys Gln
97 225 230 235 240
98 Leu Pro Gly Phe Thr Leu Thr Ile Ala Asp Gln Ile Thr Leu Leu
99 245 250 255
100 Lys Ala Ala Cys Leu Asp Ile Leu Ile Leu Arg Ile Cys Thr Arg Tyr
101 260 265 270
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103 275 280 285
104 Arg Thr Gln Met His Asn Ala Gly Phe Gly Pro Leu Thr Asp Leu Val
105 290 295 300

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109 325 330 335
110 Leu Glu Gln Pro Asp Arg Val Asp Met Leu Gln Glu Pro Leu Leu Glu
111 340 345 350
112 Ala Leu Lys Val Tyr Val Arg Lys Arg Arg Pro Ser Arg Pro His Met
113 355 360 365
114 Phe Pro Lys Met Leu Met Lys Ile Thr Asp Leu Arg Ser Ile Ser Ala
115 370 375 380
116 Lys Gly Ala Glu Arg Val Ile Thr Leu Lys Met Glu Ile Pro Gly Ser
117 385 390 395 400
118 Met Pro Pro Leu Ile Gln Glu Met Leu Glu Asn Ser Glu Gly Leu Asp
119 405 410 415
120 Thr Leu Ser Gly Gln Pro Gly Gly Gly Gly Arg Asp Gly Gly Gly Leu
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130 <212> TYPE: DNA

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134 <221> NAME/KEY: misc_feature

135 <222> LOCATION: (1)...(17000)

136 <223> OTHER INFORMATION: n = A,T,C or G

138 <400> SEQUENCE: 3

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/691,220

DATE: 11/29/2002
TIME: 17:36:41

Input Set : A:\PTO.AMC.TXT
Output Set: N:\CRF4\11292002\I691220.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 2287,2288,2289,2290,2291,2292,2293,2294,2295,2296,2297,2298
Seq#:3; N Pos. 2299,2300,2301,2302,2303,2304,2305,2306,2307,2308,2309,2310
Seq#:3; N Pos. 2311,2312,2313,2314,2315,2316,2317,2318,2319,2320,2321,2322
Seq#:3; N Pos. 2323,2324,2325,2326,2327,2328,2329,2330,2331,2332,2333,2334
Seq#:3; N Pos. 2335,2336,15079,15080,15081,15082,15083,15084,15085,15086
Seq#:3; N Pos. 15087,15088,15089,15090,15091,15092,15093,15094,15095,15096
Seq#:3; N Pos. 15097,15098,15099,15100,15101,15102,15103,15104,15105,15106
Seq#:3; N Pos. 15107,15108,15109,15110,15111,15112,15113,15114,15115,15116
Seq#:3; N Pos. 15117,15118,15119,15120,15121,15122,15123,15124,15125,15126
Seq#:3; N Pos. 15127,15128



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/691,220

DATE: 11/22/2002

TIME: 08:51:00

Input Set : A:\SEQLIST_893.TXT

Output Set: N:\CRF4\11222002\I691220.raw

4 <110> APPLICANT: WEI, Ming-Hui et al.
 6 <120> TITLE OF INVENTION: ISOLATED HUMAN NUCLEAR HORMONE
 7 RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN NUCLEAR
 8 HORMONE RECEPTORS, AND USES THEREOF
 11 <130> FILE REFERENCE: CL000893
 13 <140> CURRENT APPLICATION NUMBER: US 09/691,220
 14 <141> CURRENT FILING DATE: 2000-10-19
 16 <160> NUMBER OF SEQ ID NOS: 4
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

424 <210> SEQ ID NO: 4
 425 <211> LENGTH: 459
 426 <212> TYPE: PRT
 427 <213> ORGANISM: Rattus norvegicus
 429 <400> SEQUENCE: 4
 430 Met Tyr Glu Ser Val Glu Val Gly Gly Leu Thr Pro Ala Pro Asn Pro
 431 1 5 10 15
 432 Phe Leu Val Val Asp Phe Tyr Asn Gln Asn Arg Ala Cys Leu Leu Gln
 433 20 25 30
 434 Glu Lys Gly Leu Pro Ala Pro Gly Pro Tyr Ser Thr Pro Leu Arg Thr
 435 35 40 45
 436 Pro Leu Trp Asn Gly Ser Asn His Ser Ile Glu Thr Gln Ser Ser Ser
 437 50 55 60
 438 Ser Glu Glu Ile Val Pro Ser Pro Pro Ser Pro Pro Pro Leu Pro Arg
 439 65 70 75 80
 440 Ile Tyr Lys Pro Cys Phe Val Cys Gln Asp Lys Ser Ser Gly Tyr His
 441 85 90 95
 442 Tyr Gly Val Ser Ala Cys Glu Gly Cys Lys Gly Phe Phe Arg Arg Ser
 443 100 105 110
 444 Ile Gln Lys Asn Met Val Tyr Thr Cys His Arg Asp Lys Asn Cys Ile
 445 115 120 125
 446 Ile Asn Lys Val Thr Arg Asn Arg Cys Gln Tyr Cys Arg Leu Gln Lys
 447 130 135 140
 448 Cys Phe Glu Val Gly Met Ser Lys Glu Ser Val Arg Asn Asp Arg Asn
 449 145 150 155 160
 450 Lys Lys Lys Lys Glu Thr Pro Lys Pro Glu Cys Ser Glu Ser Tyr Thr
 451 165 170 175
 452 Leu Thr Pro Glu Val Gly Glu Leu Ile Glu Lys Val Arg Lys Ala Asn
 453 180 185 190
 454 Gln Glu Thr Phe Pro Ala Leu Cys Gln Leu Gly Lys Tyr Thr Thr Asn

Does Not Comply
 Corrected Diskette Needed
P.2

RAW SEQUENCE LISTING

DATE: 11/22/2002

PATENT APPLICATION: US/09/691,220

TIME: 08:51:00

Input Set : A:\SEQLIST_893.TXT

Output Set: N:\CRF4\11222002\I691220.raw

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455          195          200          205
456 Asn Ser Ser Glu Gln Arg Val Ser Leu Asp Ile Asp Leu Trp Asp Lys
457          210          215          220
458 Phe Ser Glu Leu Ser Thr Lys Cys Ile Ile Lys Thr Val Glu Phe Ala
459 225          230          235          240
460 Lys Gln Leu Pro Gly Phe Thr Thr Leu Thr Ile Ala Asp Gln Ile Thr
461          245          250          255
462 Leu Leu Lys Ala Ala Cys Leu Asp Ile Leu Ile Leu Arg Ile Cys Thr
463          260          265          270
464 Arg Tyr Thr Pro Glu Gln Asp Thr Met Thr Phe Ser Asp Gly Leu Thr
465          275          280          285
466 Leu Asn Arg Thr Gln Met His Asn Ala Gly Phe Gly Pro Leu Thr Asp
467          290          295          300
468 Leu Val Phe Ala Phe Ala Asn Gln Leu Leu Pro Leu Glu Met Asp Asp
469 305          310          315          320
470 Ala Glu Thr Gly Leu Leu Ser Ala Ile Cys Leu Ile Cys Gly Asp Arg
471          325          330          335
472 Gln Asp Leu Glu Gln Pro Asp Lys Val Asp Met Leu Gln Glu Pro Leu
473          340          345          350
474 Leu Glu Ala Leu Lys Val Tyr Val Arg Lys Arg Arg Pro Ser Gln Pro
475          355          360          365
476 His Met Phe Pro Lys Met Leu Met Lys Ile Thr Asp Leu Arg Ser Ile
477          370          375          380
478 Ser Ala Lys Gly Ala Glu Arg Val Ile Thr Leu Lys Met Glu Ile Pro
479 385          390          395          400
480 Gly Ser Met Pro Pro Leu Ile Gln Glu Met Leu Glu Asn Ser Glu Gly
481          405          410          415
482 Leu Asp Thr Leu Ser Gly Gln Ser Gly Gly Gly Thr Arg Asp Gly Gly
483          420          425          430
484 Gly Leu Ala Pro Pro Pro Gly Ser Cys Ser Pro Ser Leu Ser Pro Ser
485          435          440          445
486 Ser His Arg Ser Ser Pro Ala Thr Gln Ser Pro
487          450          455
E--> 489 (1)

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VERIFICATION SUMMARY

DATE: 11/22/2002

PATENT APPLICATION: US/09/691,220

TIME: 08:51:01

Input Set : A:\SEQLIST_893.TXT

Output Set: N:\CRF4\11222002\I691220.raw

L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:2280
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:15060
L:391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:15120
L:489 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4